

RAKHMATULLAYEV, S.R.; SELIKHOVICH, V.A.; KATSULAS, K. Ya.

Resources in action. Zashch. rast. ot vred. i bol. 9 no.10:
9-11 '64 (MIRA 18:1)

1. Predsedatel' kolkhoza imeni Akhunbabayeva, Kalininskiy
rayon, Tashkentskoy oblasti (for Rakhmatullayev). 2. Spetsia-
listy uzbekskoy karantinnoy inspeksii (for Selikhovich,
Katsulas).

KATSULOV, A.

SURNAME, Given Names

Country: Bulgaria

Academic Degrees: [not given]

Affiliation: Clinic of Obstetrics and Gynecology at the Advanced Medical Institute
of Sofia (Akushero-Ginekologichna Klinika pri Visshiya Meditsinski
Institut, Sofia)

Source: Sofia, Sreden Meditsinski Rabotnik, No 7, 1961, pp 24-33

Data: "The Diet of Expectant Mothers and Breast-Feeding Mothers"

Authors:

KATSULOV, A., Dr
TERZIEVA, Verg.

GPO 981643

KATSULOV, At.

Crystallographic findings in some adnexal diseases. Akush.
ginek. (Sofia) 4 no.2:126-132 '65.

1. VMI, Sofia, Klinika po akusherstvo i ginekologiya (direktor:
prof. Il. Shturkalev). Submitted August 1964.

SHTURKALEV, Il.; KATSULOV, At.

Late postpartum hemorrhages. Akush. ginek. (Sofia) 4 no.4:
272-278 '65.

1. Visssh meditsinski institut, Sofia, Katedra po akusherstvo i
ginekologiya (rukov.: prof. Il. Shturkalev).

IARUKOV, Iub.; KATSULOV, At.

Placental chorio-angioma. Akush. ginek. (Sofia) 3 no.2:
56-60 '64

NOVACHEV, D.; KATSULOV, A.; NOVACHKOV, L.

Immediate and remote effects of cesarean section on the infant.
Akush. ginek. (Sofia) 3 no.1:12-22 '64

*

KATSULOV, At.

BULGARIA

SVETOSLAVOVA, E.

[Academic Degrees]

[Affiliation] Chair of Obstetrics and Gynecology with the Higher Medical Institute (Katedra po akusherstvo i ginekologiya pri VMI), Sofia; Director: Il. SHTURKALEV.

[Source] Sofia, Akusherstvo i Ginekologiya, No 3, 1982, pp 36-38.

[Data] "On the Question of Ovarian Pregnancy."

Co-author:

KATSULOV, At.

SVETOSLAVOVA, E.; KATSULOV, At.

Ovarian pregnancy. Case report. Suvr. med. 13 no.3:36-39 '62.

(PREGNANCY, ECTOPIC)

KATSULOV, At.

A case of encephalitis in pregnancy and labor. Akush. ginek
(Sofia) 1 no.2:60-61 '62.

1. Klinika po akusherstvo i ginekologija pri VMI [Vissh medi-
tsinski institut] - Sofia Direktor prof. Ilia Shturkalev.
(ENCEPHALOMYELITIS in pregn)
(PREGNANCY compl) (STILLBIRTH etiol)

SHTURKALEV, Il.; KATSULOV, A.

Nutrition during normal pregnancy. Akush. ginek. (Sofia) 3
no.6:69-83 '64.

KATSUNEL', Y. A.

USSR/ Agriculture

Card 1/1 Pub. 123 - 10/13

Authors : Katsunel', V. A., Clerk-Scientist of the Bio. - med. Sc., Div., Acad. of Sc., Kaz. SSR

Title : The division of biological Sciences

Periodical : Vest. AN Kaz. SSR 120/3, 89-92, Mar 1955

Abstract : Results of scientific works performed in 1954 by various Institutes affiliated with the Biological Division of the Acad. of Sc., Kaz. SSR are presented. The main aim of the work was a scientific approach for appropriating virgin soils of Kazakhstan. A number of Institutes were engaged in studying the biological bases for increasing the harvest of various crops, others were engaged in finding ways for growing plants in cultures in arid desert conditions, and still others in finding measures for raising animals of a higher quality.

Institution :

Submitted :

KATSURA, A.

Following up our articles. Izobr.i rats. no.12:13 D '62. (MIRA 15:12)

1. Predsedatel' oblastnogo soveta Vsesoyuznogo obshchestva izobretateley
i ratsionalizatorov, Leningrad.
(Technological innovations)

~~KATSURA, Leonid Borisovich; BORODKIN, Lev Isaakovich, zhurnalist; LARINA, E.A., redaktor; NOVA, N.A., tekhnicheskii redaktor~~

[An innovator's days spent in improving the practice of various plants] Mezhzavodskie dni novatora. [Moskva] Izd-vo VTaSPS (MIRA 10:11)
"Profizdat," 1957. 92 p.

1. Zaveduyushchiy otделom proizvodstvenno-massovoy raboty Lenin-gradskogo oblastnogo soveta profsoyuzov (for Katsura).
(Efficiency, Industrial)

USSR/Cultivated Plants - Fruits: Berries.

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91806

Author : Katsura, O.P.

Inst : Central Genetics Laboratory im I.V. Michurin

Title : The Problem of Selecting Stocks for New Apple Varieties.

Orig Pub : Byul. nauchno-tekhn. inform. tsentr. genet. labor. im. I.V. Michurina, 1957, vyp. 3, 59-63.

Abstract : The studies at the Central Genetics Laboratory (in Michurinsk) established groups of new apple varieties raised by the selection personnel of the CGL and developed from the I.V. Michurin collection: those of considerably compatibility when grafted on Kitayka (percentage of grafts which took - 80-100%) - Papirovka, The Rose Belfleur, Darkhatnoye (Velvet), Pobeda (Victory) and others; moderately compativle were - Tambov, Doch' Korichnora, the

KATSURA, O.P.

Winter hardiness of new pear varieties. Biul. nauch.-tekhn.
inform. TSQL no.4:77-81 '57. (MIRA 12:1)
(Pear--Varieties) (Plants--Frost resistance)

KATSURA, O. P.

IOBANOV, P.; BREZHNEV, D.; OL'SHANSKIY, M.; LYSENKO, T.; LISAVENKO, M.;
SINYAGIN, I.; YAKUSHKIN, I.; PREZENT, I.; VARUNTSYAN, I.; KOLESNIKOV,
V.; YEVTUSHENKO, A.; ZASYADNIKOV, T.; ALISOV, M.; UTEKHIN, A.;
GORSHKOV, I.; HELOKHONOV, I.; VIDENIN, K.; KARPOV, G.; CHERNENKO, S.;
BAKHAREV, A.; TIKHONOVA, A.; KUZ'MIN, A.; BUZULIN, G.; TOLMACHEV, I.;
LYSYUK, Ye.; KHARITONOVA, Ye.; KUSHNIRENKO, M.; NOVOPAVLOVSKAYA, N.;
ZHIRONKIN, I.; KATSURA, O.; KIRYUKHIN, I.; NIKITIN, B.; TSVETAYEVA, Z.;
ARKHIPOV, B.; OSTAPENKO, V.; IVANOV, V.; BUTUZOV, V.; LUTKOVA, I.;
TSVETAYEVA, Z.; ARKHIPOV, B.; OSTAPENKO, V.; IVANOV, V.; BUTUZOV, V.;
LUTKOVA, I.

P.N. Iakovlev; obituary. Agrobiologiya no.6:119 N-D '57.
(MIRA 10:12)
(Iakovlev, Pavel Nikanorovich, 1898-1957)

KATSURA, O.P., kand. sel'skokhoz. nauk

Biological characteristics of the "Pink excellent" apple
grafted on the "Kitaika." Trudy TSGL 6:441-445 '57.

(MIRA 12:10)

(Apple--Varieties)

LESYUK, Ye.A., kand. sel'khoz. nauk, nauchn. sotr.; KATSURA,
O.P., kand. sel'khoz. nauk, nauchn. sotr.; KURSAKOVA,
L.Ye., nauchn. sotr.; SMIRNOV, A G., nauchn. sotr.;
KUZ'MIN, A.Ya., kand. sel'khoz. nauk, nauchn. sotr.;
FEDOROVA, Yu.A., red.

[Key for the identification of fruit and berry varieties;
manual of certification] Opredelitel' sortov plodovo-
iagodnykh kul'tur; rukovodstvo po aprobatsii. Moskva,
Rossel'khozizdat, 1965. 150 p. (MIRA 18:7)

LAZUR'YEVSKIY, G.V.; KATSA, Ye.A.

Chemistry of sophoreol. Trudy SAGU no.15:107-111 '50. (MLRA 9:5)
(Sophoreol) (Dyes and dyeing--Chemistry)

GOLIGORSKIY, S.D., prof. (Kishinev); KATSYF, A.M., kand. med. nauk
(Kishinev)

Review of M.D. Dzhavad-zade's monograph "Polycystosis of the
kidneys; clinical aspects and treatment." Vest. khir. 93 no.11:
140-142 N '64. (MIRA 18:6)

DRUCHENKO, V.A.; MALYUK, Yu.I.; KATSYUBA, E.N.

Stress testing device for electroplating. Mashinostroitel'
no.9:28 S '64. (MIRA 17:10)

GOLIGORSKIY, S.D.; KATSYF, A.M.

Organ-preserving operations in disorders of the patency of the
pyeloureteral segment. Urologiia 26 no.1:29-37 '61. (MIRA 14:3)
(KIDNEYS—SURGERY)

KATSYF, A. M. (Kishinev)

Hydronephrosis and pyelonephritis. Urologia no.2:12-16 '62.
(MIRA 15:4)

1. Iz urologicheskogo otdeleniya (nauchnyy rukovoditel' - doktor
meditsinskikh nauk S. D. Goligorskiy) Respublikanskoy klinicheskoy
bol'nitsy.

(KIDNEYS—DISEASES)

KATSYF, A.M., kand. med. nauk; LAZAREV, I.M.

Diagnostic errors detected through pathologicoanatomical autopsy (based on materials of the Urological Clinic of the Kishinev State Medical Institute for five years). Trudy Kish. gos. med. inst. 24:187-195 '64 (MIRA 18:1)

Clinical aspects of retroperitoneal phlegmons. Ibid.:196-201.

1. Urologicheskaya klinika Kishinevskogo gosudarstvennogo meditsinskogo instituta i patologoanatomicheskoye otdeleniye Moldavskoy Respublikanskoy klinicheskoy bol'nitsy.

KATSIY, A.M., kand. med. nauk

Prevention of postoperational sclerosis in the region of the pyelo-
ureteral segment. Trudy Kish. gos. med. inst. 24:220-227 '64
(MIRA 18:1)

1. Urologicheskaya klinika Kishinevskogo gosudarstvennogo medi-
tsinskogo instituta.

MATSEPURO, M.Ye., akademik; KATSYGII, V.V., redaktor; ALEKSANDROVICH, Kh.,
tekhnicheskii redaktor

[Productive application of Academician V.P.Goriachkin's teachings
in research on the mechanisation of agriculture] Tvorcheskoe pri-
menenie ucheniia akademika V.P.Goriachkina v nauchnykh issledovaniakh
po mekhanizatsii sel'skogo khoziaistva. Minsk, Izd-vo Akademii nauk
BSSR, 1956. 207 p. (MIRA 9:11)

1. Akademiya nauk BSSR (for Matsepuro)
(Goriachkin, Vasilii Prokhorovich, 1868-1935)
(Agricultural machinery)

MATSEPURO, M.Ye. prof.; KATSYGIN, V.V., kand. tekhn. nauk;
MAKAROVA, N.A., kand. tekhn. nauk; NOVICHIKHIN, V.A.,
kand. tekhn. nauk; YANUSHKEVICH, B.N., kand. tekhn.
nauk; BOROVIKOVA, R., red.; REZNIK, T., red.;
TIMOSHCHUK, R., tekhn. red.

[Problems of the technology of mechanized farm produc-
tion] Voprosy tekhnologii mekhanizirovannogo sel'sko-
khoziaistvennogo proizvodstva. Minsk, Gos.izd-vo sel'-
khoz.lit-ry BSSR. Pt.1. 1963. 262 p. (MIRA 17:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut me-
khanizatsii i elektrifikatsii sel'skogo khozyaystva ne-
chernozemnoy zony SSSR. 2. Tsentral'nyy nauchno-
issledovatel'skiy institut mekhanizatsii i elektrifika-
tsii sel'skogo khozyaystva nechernozemnoy zony SSSR
(for Matsepuro, Katsygin, Makarova, Novichikhin,
Yanushkevich).

MATSEPURO, M.Ye., akademik, red.; KATSYGIN, V.V., kand. tekhn.
nauk, red.; KOVALENKO, A.G., red.; TIMOSHCHUK, R.S.,
tekhn. red.

[Transactions of the Scientific Conference of 1962] Tru-
dy nauchnoi konferentsii 1962 goda. Pod red. M.E.Matsepuro,
V.V.Katsygina. Minsk, Gos.izd-vo sel'khoz. lit-ry BSSR,
1963. 106 p. (MIRA 16:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekha-
nizatsii i elektrifikatsii sel'skogo khozyaystva necherno-
zemnoy zony SSSR.

(Farm mechanization)

RUNTSO, Anatoliy Andreyevich; KATSYGIN, V.V., kand.tekhn.nauk, nauchnyy
red.; BOROVIKOVA, R.P., red.; ZUYKOVA, V.I., tekhn.red.

[Investigating and establishing the principal parameters of
general purpose plows] Issledovanie i obosnovanie osnovnykh
parametrov plugov obshchego naznachenia. Minsk, Izd-vo ASKhN
BSSR, 1959. 50 p. (MIRA 14:1)
(Plows)

KATSYGIN, V.V., kand.tekhn.nauk; KALECHITS, G., tekhn.red.

[Proceedings of the Scientific Technical Conference in 1957]
Trudy nauchno-tekhnicheskoy konferentsii 1957 goda. Minsk,
Gos.izd-vo BSSR, Red.sel'khoz.lit-ry, 1959. 567 p. (MIRA 14:1)

1. Minsk. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva.
(Agricultural machinery) (Farm mechanization)

KATSYGIN, V.V., kand.tekhn.nauk

Problems pertaining to the theory of cultivating soil at increased speeds. Mekh. i elek. sots. sel'khoz. 19 no.1:9-13 '61.
(MIRA 14:3)

1. Institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva
Akademii sel'skokhozyaystvennykh nauk BSSR.
(Tillage)

KATSYGIN, V.V., kand.tekhn.nauk

Concerning the mechanism of soil resistance to the motion of a reaper. Mekh.i elek.sots.sel'khoz. 20 no.4:28-31 '62. (MIRA 15:8)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva nechernozemnoy zony SSSR. (Harvesting machinery)

PIUNOVSKIY, I.I., kand. tekhn. nauk; ZHIVOTKO, B.I., kand. tekhn. nauk; RUKTESHEL', S.V., kand. tekhn. nauk; SHTOMPEL', B.N., kand. tekhn. nauk; BUTVILOVSKIY, F.A., inzh.; KORZHENEVSKAYA, R.A., inzh.; LOGVINOVICH, I.P., inzh.; UTEVSKAYA, L.I., kand. tekhn. nauk; RUNTSO, A.A., kand. tekhn. nauk; NAGORSKIY, I.S., kand. tekhn. nauk; TERPILOVSKIY, K.F., kand. tekhn. nauk; LOSEV, V.I., kand. tekhn. nauk; YAROSHEVICH, A.A., kand. tekhn. nauk; KATSYGIN, V.V., kand. tekhn. nauk, red.; BOROVNIKOVA, R., red.

[Problems of the technology of mechanized agricultural production] Voprosy tekhnologii mekhanizirovannogo sel'skokhoziaistvennogo proizvodstva. Minsk, Izd-vo "Urozhai." Pt.2. 1964. 336 p. (MIRA 17:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva nechernozemnoy zony SSSR.

KATSYKA, A.P., Cand Phys Math Sci -- (diss) "On the electrical charge^s of cloud drops!" Mos, 1959, 9 pp (Inst of Applied Geophysics of Acad Sci USSR) 200 copies (KL, 34-59, 110)

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S/049/61/000/001/008/008
D226/D306

3.5/00
AUTHORS:

Katsyka, A.P., Makhotkin, L.G., Petrov, G.D., and
Chenao Bo-Lin

TITLE:

Electric charges of cloud and fog droplets

PERIODICAL: Akademiya nauk SSSR. Seriya geofizicheskaya. Izvestiya,
no. 1, 1961, 162 - 165

TEXT: Variations in the charge of separate liquid-cloud and fog particles were made independently by means of various procedures on a plain, on the slope of El'brus, in an aircraft and in a balloon. The method used for measurements in fogs, developed by V.A. Solov'yev (Ref. 1: Ob odnom metode izmereniya zaryadov i razmerov kapel' tumanov, Tr. GGO, vyp. 58 (120), 1956), guaranteed the recording of both charged and uncharged particles. The measurements were carried out by means of two sets of equipment at Voyeykovo near Leningrad, the reception apparatus being 1 meter above the ground. According to the observational data here the mean value of

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the potential gradient of the electric field in fog equals about 150 V/m, the overall conductivity being a little below $1 \cdot 10^{-4}$ erg sajene units. The measurements in stratus and strato-cumulus clouds were carried out on the slope of El'brus by the method described by A.P. Sergiyeva (Ref. 2: Ob elektricheskikh zaryadakh oblachnykh chastits, Izv. Akad. Nauk SSSR, ser. geofiz., No. 3, 1958); the apparatus does not record neutral droplets. In persistent clouds there was little variation in the field strength in the 100 - 300 V/m limits of the mean values. Measurements were later made at a temperature of about 0° in strato-cumulus clouds at an altitude of 300 m near Moscow by the same apparatus mounted in a balloon; at the end of the measurements there were ice particles in the clouds. Particle charges in many stratus and strato-cumulus near Belaya Tserkov' were measured by equipment fixed in an aircraft. This method has been described by G.D. Petrov (Ref. 3: Metodika izmereniya zaryadov i razmerov aerazol'nykh chastits s samoleta, Izv. Akad. Nauk SSSR, ser. geofiz., No. 11, 1959). It differs considerably from the other two methods and records both charged and neutral

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droplets. The authors then describe the aircraft, El'brus, Voyeykovo and balloon measurements in detail. Fig. 1 shows that droplets with a radius of $< 6 - 8 \mu$ predominate in clouds and those with a radius of $> 6 \mu$ in fogs, although there were fogs with particles having a mean radius of $4 - 5 \mu$. The recording of all visually observed small droplets in the Solov'yev and Petrov methods was restricted by the quality of the photofilm that was used. This work clarified the apparently linear relationship between the mean charges and sizes of cloud droplets illustrated in Fig. 2. The frequency of the various values of q on cloud and fog droplets is depicted below in Fig. 3 which shows the charge distribution for these particles. When plotting this graph only the data on the charges of fog droplets were used; the ordinate corresponds to droplets with a charge of less than 10 units. This necessitated the presentation of comparable data since no uncharged particles were recorded in the El'brus and balloon measurements. The mean charge values for fog and cloud droplets are given in tabulated form. The straight lines plotted from these data are shown in Fig.

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4 which gives the interval distribution for the frequency of values of the parameter p ; the lines are drawn on the probability grid developed by N.A. Fuks (Ref. 6: Mekhanika aerorozolei, Izd. Akad. Nauk SSSR, Moscow, 1955), and Numbers 1 - 3 respectively denote the El'brus, Voyeykovo and aircraft measurements. p is the proportional ratio of the charge of a droplet to its radius, i.e.:

$$p = \frac{e}{kT} \cdot \frac{q}{r} \quad (1)$$

where k is the Boltzman constant, T is the absolute temperature assumed to be equal to 300° and e is the electron charge. There are 4 figures, 1 table and 7 references: 5 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: S. Twomey, The electrification of individual cloud droplets. Tellus, 8, No. 4, 1956; B. Phillips, G. Kinzer, Measurement of the size and electrification of droplets in cumuli clouds. J. Meteorol., 15, No. 4, 1958.

ASSOCIATION: Akademiya Nauk SSSR, institut prikladnoy geofiziki, glavnaya geofizicheskaya observatoriya im A.I. Voyeykova (Academy of Sciences, Institute of Applied Geophysics, Central Geophysical Observatory, im A.I.

Card 4/8

DZHELEPOV, V.P.; YERMOLOV, P.F.; KATYSHEV, Yu.V.; MONKALEV, V.I.;
FIL'CHENKOV, V.V.; FRIML, M.

Catalysis by negative muons of the nuclear fusion reaction
 $d + d + He^3 + n$. Zhur.eksp.i teor.fiz. 46 no.6:2042-2045
Je '64.

1. Ob'yedinennyy institut yadernykh issledovaniy.

(MIRA 17:10)

KATSYUBA, I.

Checked by life. Prof.-tekh. obr. 22 no.1:17 Ja '65. (MIKA 18:4)

1. Starshiy agronom Zapadno-Kazakhstanskogo krayevogo upravleniya
professional'no-tekhnicheskogo obrazovaniya.

KATSYUBA, K.A.; GZULYA, F.I.

Hepato-cerebral dystrophy in children. Zdrav. Kazakh. 23 no.4:
61-64 '63. (MIRA 17:5)

1. Iz nevrologicheskogo oddeleniya I detskoy klinicheskoy bol'nitsy
i kafedry patologicheskoy anatomii Alma-Atinskogo meditsinskogo
instituta.

GUMAROVA, F.G.; GOSTEVA, A.G.; TULEGENOV, Z.K.; MAKASHEVA, S.U.; POLOSUKHIN, A.P.; MUSABEKOV, A.M.; DANILOV, Yu.S.; NIGMATULIN, M.A.; ZAKHAROV, F.G.; LUZINA, Z.T.; NEPESOV, P.I.; STASYUNAS, I.P.; ISABEKOV, O.I.; SARSENBAYEVA, K.; KATSYUBA, V.T.; LENOVSKIY, A.S.; AKHMEDOV, K.Yu.; SUBKHANBERDIN, S.Kh.; KISLITSINA, N.P.; POLIKARPOV, S.V.; ZAIROV, K.S.; APSATAROV, A.A.; NOVOSIL'TSEV, V.N.; PETROV, N.N.; KHOMUTOV, M.V.; GALUSTYAN, A.S.; ARTYKOV, A.Ye.; DZHANDIL'DIN, N.D.; KOVRIGINA, M.D.; BEYSEBAYEV, M.; BUBLIK, V.N.; CHERNYSH, A.M.

Discussion on the report of S.R.Karynbaev, Minister of Public Health of the Kazakh S.S.R., on the status and improvement of medical care. Zdrav.Kazakh. 17 no.4/5 '57. (MIRA 12:6)

1. Zav. Alma-Atinskim oblastnym zdravotdelom (for Gumarova).
2. Vrach bol'nitsy g.Leninogorska Vostochno-Kazakhstanskogo oblzdravotdela (for Gosteva).
3. Zav. Karagandinskim oblastnym otdelom zdravookhraneniya (for Tulegenov).
4. Zav.Kzyl-Ordinskim oblastnym otdelom zdravookhraneniya (for Makasheva).
5. Vitse-prezident AN KazSSR (for Polosukhim).
6. Zav.Aktyubinskim oblastnym otdelom zdravookhraneniya (for Musabekov).
7. Ministr zdravookhraneniya Kirgizii (for Danilov).

(Continued on next card)

GUMAROVA, F.G.---(continued) Card 2.

8. Zav.Vostochno-Kazakhstanskim oblastnym otdelom zdravookhraneniya (for Nigmatulin). 9. Chlen kollegii Ministerstva zdravookhraneniya SSSR (for Zakharov). 10. Zav.Kustanayskim oblastnym otdelom zdravookhraneniya (for Luzina). 11. Ministr zdravookhraneniya Turkmenskoy SSR (for Nepesov). 12. Zav.selskim vrachebnym uchastkom Priirtyvshskogo rayona Pavlodarskoy oblasti (for Stasyunas). 13. Glavnyy vrach Kapal'skoy rayonnoy bol'nitsy Taldy-Kurganskoy oblasti (for Isabekov). 14. Zav.zhenotdelom Yuzhno-Kazakhstanskogo obkoma partii (for Sarsenbayeva). 15. Zav. Dzhambul'skim oblastnym otdelom zdravookhraneniya (for Katsyuba). 16. Glavnyy vrach Alma-Atinskogo oblastnogo tuberkuleznogo dispansera (for Lenovskiy). 17. Ministr zdravookhraneniya Tadzhikskoy SSR (for Akhmedov). 18. Nachal'nik Kazaptekoopravleniya (for Subkhanberdin).

(Continued on next card)

GUMAROVA, F.G.---(continued) Card 3.

19. Zav. Semipalatinskim oblastnym otделom zdravookhraneniya (for Kislitsina).
20. Predsedatel' respublikanskogo komiteta soyuza medrabotnikov (for Polikarpov).
21. Zam. ministra zdravookhraneniya Uzbekskoy SSR (for Zairov).
22. Zav. Alma-Atinskim gorodskim otделom zdravookhraneniya (for Apsatarov).
23. Zav. Severo-Kazakhstanskim oblastnym otделom zdravookhraneniya (for Novosel'tsev).
24. Zav. rayzdravotdelom Shortandin-skogo rayona Akmolinskoy oblasti (for Petrov).
25. Zav. ministra zdravookhraneniya Soyuz SSR (for Khomutov).
26. Zav. ministra zdravookhraneniya ArmSSR (for Galustyan).
27. Predsedatel' Komiteta fizicheskoy kul'tury i sporta pri Sovete Ministrov KazSSR (for Artykov).
28. Sekretar' Tsentral'nogo Komiteta Kommunisticheskoy partii Kazakhstana (for Dzhandil'din).
29. Ministr zdravookhraneniya Sovetskogo Soyuz (for Kovrigina).
30. Pervyy zamestitel' predsedatelya Soveta Ministrov KazSSR (for Beysebayev).
31. Uchastkovyy vrach Kustanayskoy oblasti (for Dublik).
32. Zam. predsedatelya Obshchestva Krasnogo Kresta Kazakhstana (for Chernysh).

(KAZAKHSTAN--PUBLIC HEALTH)

~~KATSYURA, V. T.~~

Reorganization of the structure of public health agencies.
Zdrav.Kazakh. 17 no.7:3-6 '57. (MIRA 12:6)

1. Zav.Dzhambul'skim oblastnym otdelom zdravookhraneniya.
(KAZAKHSTAN--PUBLIC HEALTH)

KATSYUBA, V. T.

Eradication of leprosy in the Republic. Zdrav. Kazakh. no.4:3-6
'62. (MIRA 15:6)

(KAZAKHSTAN--LEPROSY)

PETRASHKEVICH, Galina Kharitonovna [Petrashkevich, H.K.]; KATSYUSHYN,
M.S., red.; ZENKO, N.M., taken. red.

[Twenty-five years on a live stock farm] 27 hadou na
kalhasnai ferme. Minsk, Dziarzh.vyd-va sel'skhaspadar-
chai lit-ry BSSR, 1963. 41 p. (MIRA 17:1)

PETRASHKEVICH, Galina Kharitonovna KATSYUSHYN, M.S., rod.

[27 years on a livestock farm] 27 hadoy na kalhasnai ferme.
Minsk, Dzharzh. vyd-va sel'skohaspadarchai lit-ry BSSR,
1963. 41 p. (MIRA 17:9)

STAROVOYTOV, Vasiliy Konstantinovich[Staravoytaum V.K.]; KATSYUSHYN,
M.S., red.; ZEN'KO, M.M., tekhn. red.

[One hundred and fifteen tons of poultry meat and one million
eggs is only the beginning]115 ton ptushynaha miasa i mil'en
iaek - tol'ki pachataak. Minsk, Dziarzh. vyd-va sel'skhaspa-
darchai lit-ry BSSR, 1962. 22 p. (MIRA 15:12)

1. Direktor sovkhoza "Radnyanski" Klimovitskogo rayona Mogi-
levskoy oblasti (for Starovoytov).

(Poultry)

KATTAKHODZHAYEV, M.M.

Ways of increasing labor productivity in the drawing sections.
Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.2:3-10 '63. (MIRA 16:6)

1. Tashkentskiy tekstil'nyy institut.
(Textile machinery) (Work measurement)

KATTAKHOLZHAYEV, M.M.

Ways to increase the labor productivity of reelers. Tekst.
prom. 19 no.8:83-84 Ag '59. (MIRA 13:1)
(Spinning--Labor productivity)

KATTAKHODZHAYEV, M.M.

Analyzing labor expenditure in the winding sections of cotton
factories. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 6:
11-17 '63 (MIRA 17:8)

1. Tashkentskiy tekstil'nyy institut.

KATTAUSCH, Marta, Dr.

Dietary therapy of chronic obstipation in childhood. Gyermekgyógyászat
9 no.4-6:152-157 Apr-June 58.

1. A Vovarosi Tanács Heim Pál Gyermekkorház és Rendelőintézetek
(igazgató-őorvos: Sarkány János dr.) közleménye.

(CONSTIPATION, in inf. & child

etiol. & dietary ther. of chronic obstipation (Hun))

(DIFTS, in various dis.

obstipation, chronic, in child. (Hun))

KATTEL', D. G.

PA 20/49T10

USSR/Electricity
Electrical Equipment
Power Plants, Electric

Sep 48

"One Hundred Months of Continuous Operation of the
Electrical Shop of the Ivanovo Thermoelectric
Station Without Breakdown," D. G. Kattel', Engr, 1 $\frac{1}{2}$ PP

"Elek Stants" No 9

Treats subject under the following: (1) improvement
of equipment, (2) operation, (3) repair, and (4)
laboratory.

20/49T10

KATTEL', D.G., inzhener.

Synchronization schemes. Elek.sta. 28 no.8:86-87 Ag '57.
(MIRA 10:10)

(Electric generators)

KATTEL', D.G., insh.

Production setup and number of engineers and technicians in electric
power plants and electric-network systems. Elek sta. 30 no.2:91-92
F '59. (MIRA 12:3)
(Electric power plants) (Electric networks)

BRAYNIN, I.Ye.; LAD'YANOV, I.N.; TROSKUNOV, Ya.L.; KATTENBERG, A.R.;
TUPILKO, V.M.

Nature of the brittleness of highly resistant reinforcement steel.
Izv. vys. uchen. zav.; chern. met. 7 no.10:127-131 '64.
(MIRA 17:11)

1. Donetskii politekhnicheskii institut i Donetskii metallurgii-
cheskii zavod.

KATTERFELD, G.N.

KRISHTOPOVICH, A.N. [deceased]; L'VOV, V.Ye.; MARKOV, A.V., professor;
KOROLEV, A.V.; GOLOZHITSKIY, L.P.; OGORODNIKOV, K.F., professor;
BYGENSEN, M.S., professor; LOZIN-LOZINSKIY, L.K., professor;
VOROB'YEV, A.G., professor; KOZLOVA, K.I.; KAZENNOV, B.A.; SUSLOV,
A.K.; GEL'FREYKH, G.B.; VASIL'YEV, O.B.; LICHKOV, B.L., professor;
SYROMYATNIKOV; KUTYREVA, A.P.; KATTERFELD, G.N.; SYTINSKAYA, H.N.;
SHARONOV, V.V.; SUVOROV, H.I.; KUCHEROV, H.I.; TIKHOV, G.A.;
GORSHKOV, P.M.

Addresses by A.N.Krishtofovich and others. Trudy Sekt.astrobot.AN
Kazakh.SSR 4:68-157 '55. (MLRA 9:12)
(Mars (Planet))

29(2)
3(1)

SOV/12-91-3-9/14

AUTHOR: Katterfel'd, G.N.

TITLE: The Question of the Tectonic Origin of the Linear Formations on Mars

PERIODICAL: Izvestiya VGO, 1959, Vol 91, Nr 3, pp 272-283 (USSR)

ABSTRACT: The author tries to prove that the most probable theory explaining the formations of the "canals" and "oases" visible on the planet Mars is his theory of combining the tectonical view of Schiaparelli with the meteorological opinion of V. Zikking. He calls his theory "tectonomorphological". Main points of his theory are: that Tectonic phenomena causing "canals" are due to the changing volumetric condensation of the planet, and to the non-uniform way of revolution resulting therefrom; that amazing linearity of the "canals" is due to the uniformity of the soil of the planet's crust; that the "oases" have to be looked upon as peculiar centers of tectonic deformations; that the pattern of disloca-

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SOV/12-91-3-9/14

The Question of the Tectonic Origin of the Linear Formations on Mars

tion of the deformation centers on the planet are due to the pulsation of the planet's form combined with the non-uniform revolution; that the similarity existing between the unequal distribution of oceans (ocean-like depressions) and continents on Mars and on the Earth has the same cause; and that the figures of both planets are asymmetrical in respect to the equator plane. The titles of the 5 sections into which the article is divided are: 1) Statistics of the Mars Canals and Their Azimuthal Distribution; 2) Tectonics of the Ruptures on Moon and on Earth, and the Mars Canals; 3) The Origin of the Tectonic Ruptures; 4) The Nature of the Oases. Distribution of the "Oases" and Canals According to Latitudes; 5) Conclusion. The author had his views discussed at a session of the Leningradskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva (Leningrad Branch of the All-Union Astronomo-Geodetical Society) in 1953, at the Kafedra obshchey astronomii Leningradskogo universiteta
(Chair of General Astronomy of the Leningrad Uni-

Card 2/3

KATTERFEL'D, G. N.

Cand Geog Sci - (diss) "Basic principles of the development of planetary relief of the Earth." Leningrad, 1961. 23 pp; (Ministry of Education RSFSR, Leningrad State Pedagogical Institute A. I. Gertsen, Chair of Physical Geography); 180 copies; free; (KL, 10-61 sup, 208)

KATTERFEL'D, G.N.

Origin of the present-day face of the earth. Geog. v shkole 24
no.5:21-31 S-0 '61. (MIRA 14:8)
(Earth--Figure) (Earth--Surface)

KATTERFEL'D, Gennadiy Nikolayevich; STRIGIN, V.M., red.; BELICHENKO,
R.K., mladshiy red.; MAL'CHEVSKIY, G.N., red. kart; KOSHELEVA,
S.M., tekhn. red.

[Face of the earth and its origin] Lik Zemli i ego proiskhozh-
denie. Moskva, Geografiz, 1962. 150 p. (MIRA 15:11)
(Geomorphology)

KATTERFEL'D, G.N.

Morphological formation of planets of the earth type. Geog.
stor. no.15:104-131 '62. (MIRA 15:12)
(Planets—Figure)

KATTERFEL'D, G.N.

Discussion on the problems of space biology. Izv. Vses. geog.
ob-va 95 no.5:474-476 S-0 '63. (MIRA 16:12)

VORONOV, P. S. kand geol.-mineral nauk; GAKKEL', Ya. Ya., doktor geograf. nauk, prof.; KATTERFEL'D, G. N., kand. geograf. nauk; LUNGERSGAUZEN, G. F., doktor geol.-mineral nauk, prof.; SUSLOV, A. K., kand fiz.-matem nauk; KHAIN, V. Ye., doktor geol.-mineral nauk, prof.; SHAFRANOVSKIY, I. I., doktor geol.-mineral nauk, prof.; SHNITNIKOV, A. V., doktor geogr. nauk, prof.; SHUBAYEV, L. P. kand geograf. nauk, dotsent

Ethics in science; with reference to B. IU. Levin and E. M. Rudich's article "On the Fourth Congress on Astrogeology."
Izv. Vses. geog. ob-va 96 no. 2:164-167 Mr-Ap '64. (MIRA 17:5)

KATTERFEL'D, G.N., kand. geograf. nauk

Volcanic activity on Mars? Priroda 54 no.8:103-109 Ag '65.
(MIRA 18:8)

1. Predsedatel' Komissii planetologii Vsesoyuznogo geografi-
cheskogo obshchestva, Leningrad.

KATTERFEL'D, G.N.

Problems and methods of selenology. Izv. Vses. geog. ob.-va 97 no.2:
204-207 Mr-Ap '65. (MIRA 18:5)

AUTHOR: WILLIAM J. KILPATRICK

TITLE: Volcanic activity on Mars

55.12

flare

corded. MOST IMPORTANT IN THIS RESPECT IS THE RECENTLY OBSERVED
(entirely different from the typical Martian white fog and reddish dust storms) as
well as flares which are much brighter than the polar caps or white clouds of the
planet. These observations are in good agreement with the
theory of volcanic activity on Mars. ACCORDING TO THE THEORY

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1. 4. 1976

ASTROPHYSICS

astronomers, the duration of the flares was approximately 5 min in each case. The frequency of flares is greater in the southern hemisphere of Mars than in the northern hemisphere. At the same time, the distribution of the flares is not random—they all tend to concentrate near the equator. The flares are parallel to the equator. On the basis of the data that there are in Mars, the parallels with the greatest activity. A thorough investigation of the data did not reveal on Mars any rows of small white spots, whose existence would indicate a volcanic origin. A few isolated white spots, or spots, that there is a few hundred of volcanoes on Mars that are mentioned in the article of P. Tskovskiy, senior scientific member of the Institute of Space Research, Soviet Academy of Sciences, but expressed doubts about the existence of "active dark spots" on the surface of Mars. It is not possible to prove the existence of a volcanic origin of the flares on the basis of the data that are not enough. To ascertain the frequency and the distribution of the flares on Mars, it is necessary to observe Mars at least 10 years.

Card 1

1. 2207-00

ACCOUNT # 001 001 001

SUBMITTED: 00

ENCL: 00

NO REF SOV: 000

OTHER: 000

Cord

KATTERFEL'D, N. O. (Co-author)

See: VANIN, S. I.

KATTERFEL'D, N. O. "About Fungicides for Seedling Conifer Species," 1939.

So: Sira Si - 1953, 15 December 1953

KATTERFEL'D, N. O.

KATTERFEL'D, N. O. "Heart Rot and Other Diseases of the Trunk of
Linden in Bashkiri," Trudy Vsesoiuznogo Nauchno-Issledovatel'-
skogo Instituta Lesnogo Khoziaistva, no. 7, 1939, pp. 79-98.
99.9 154

So: Sira Si - 1953, 15 December 1953

KATTERFELD, N. O.

VANIN, S. I. and KATTERFELD, N. O. "About Fungicides for Seedling Conifer Species," Izvestiia Vysshikh Kursov Prikladnoi Zoologii i Fitopatologii, no. 9, 1939, pp. 68-93. 423.92 L544

SO: SIRA SI-90-53, 15Dec. 1953

KATTI, M.R.; BATRA, D.P.

On the potential energy function of diatomic molecules. Acta
phys Hung 16 no.1:73-74 '63.

1. Defence Science Laboratory, Delhi 6, India.

ANYAGASI, Gyorgyne; KATTNER, Ferencne; KERI, Tamas

Some variations of direct productivity measurement. Munka szemle 5 no.
7:12-17 J1 '61.

AGYAGASI, Gyorgyne; KATTNER, Ferencne; KERI, Tamas

Some variations of direct productivity measurement. Munka szemle 5 no.6:
9-12 Je '61.

S/218/62/027/001/001/001
1016/1216

Authors: Gershanovich, V. N., Palkina, N. A., and Katts, G. I.

Title: OXIDATIVE METABOLISM OF *STAPHYLOCOCCUS AUREUS* AND OF ITS MUTANT OBTAINED BY UV-IRRADIATION

Periodical: *Biokhimiya*, v. 27, no. 1, 1962, 109-119

Text: The *S. aureus* mutant (St-VV-3) shows sensitivity to carcinostatic substances. It was therefore of interest to compare the pathways of oxidative metabolism in the mutant and the parent strain (St-209) and to see whether the mutant could be considered as a model of a cancerous cell. The parent strain St-209 showed a high O_2 uptake in the presence of glucose, also oxidizing pyruvate, lactate, acetaldehyde, formaldehyde, ethanol, formic acid, OAA and malate. Under anaerobic conditions St-209 actively decarboxylated pyruvate and OAA. Moniodoacetate (0.2 mM) completely inhibited the utilization of glucose and accumulation of lactate by St-209. In contrast to the parent strain, St-UV-3 showed no increase in oxygen uptake in the presence of glucose, but unlike the former, was able to oxidize a number of TCA cycle intermediates. Under anaerobic conditions St-UV-3 exhibited only slight pyruvic and OAA decarboxylation. The Q_{CO_2}/Q_{O_2} ratio for pyruvate was higher than 2 in strain St-209, while in St-UV-3 it was close to 1. The effect of arsenite,

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OXIDATIVE METABOLISM...


S/218/62/027/001/001/001
10:5/1216

malonate, cyanide and orthophosphate on the oxidation of different substrates by the two strains was compared. The results are discussed in terms of the possible defect imparted to the respiratory system of St-UV-3 as a result of mutation. The properties of the respiratory system of the mutant are compared with those of tumor cells.

Association: Gosudarstvennyy kontrol'nyy institut meditsinskikh biologicheskikh preparatov im L. A. Tarasevicha (State Institute for Control of Medicinal Biological Preparations im. L. A. Tarasevich), Moscow.

Submitted: June 27, 1961

Card 2/2



ACC NR: AP6030563

SOURCE CODE: UR/0413/66/000/016/0034/0034

INVENTOR: Dregval', G. F.; Katts, I. G.

ORG: none

TITLE: Preparation of N-dialkylphosphinyl-2-amidoethylpyridines. Class 12, No. 184860. [announced by Donets Branch of the All-Union Scientific Research Institute of Chemical Reagents and High Purity Chemical Substances (Donetskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov i osobo chistyykh khimicheskikh veshchestv)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 34

TOPIC TAGS: dialkylphosphinylamidoethylpyridine, ~~trialkyl pyridylethylamidophosphate~~ alkylphosphine, pyridine

ABSTRACT: In the proposed method, N-dialkylphosphinyl-2-amidoethylpyridines are obtained by heating trialkyl N-2-pyridylethylimidophosphates with acetic acid. [WA-50; CBE No. 11]

SUB CODE: 07/ SUBM DATE: 16Mar65/

Card 1/1

UDC: 547.419.1:07

KATTS, K. V.

Perennials

Perennial plants for vertical landscaping. Sad i og. No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

KATTS, N. V.

The use of electroplating in the textile industry Moskva, Gileprom, 1945. 91 p. (50-40639)

TS670. K3

KATTS, N.V.; LINNIK, Ye.M.

[Electrometallization] Elektrometallizatsiia. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1953. 222 p. (MLRA 6:5)
(Metal spraying)

KATTS N.V.

ARTEM'YEV, Yu.N., kandidat tekhnicheskikh nauk; ALEKSEYEV, I.A., inzhener; ASTVATSATUROV, G.G., inzhener; BISNOVATYY, S.I., inzhener; BONDARENKO, A.F., inzhener; GURAL'NIK, Ye.L., inzhener; GORBUNOV, M.F., inzhener; ZLATKOVSKIY, A.P., kandidat tekhnicheskikh nauk; KATTS, N.V., inzhener; KITAYEV, A.S., inzhener; KOZLOV, A.M., inzhener; LEVINOV, P.T., inzhener; LIVSHITS, L.G., kandidat tekhnicheskikh nauk; LIBERMAN, A.R., inzhener; LINNIK, Ye.M., inzhener; LUKANOV, M.A., inzhener; MOROZOV, S.A., inzhener; POGORELYY, I.P., kandidat tekhnicheskikh nauk; PETROV, S.A., kandidat tekhnicheskikh nauk; PYATETSKIY, B.G., inzhener; RABOCHIIY, L.G., kandidat tekhnicheskikh nauk; SELIVANOV, A.I., kandidat tekhnicheskikh nauk; FERBERG, B.S., kandidat tekhnicheskikh nauk; CHISTYAKOV, V.D., inzhener; CHUNIKHIN, V.M., inzhener; SHIRAYEV, A.I., inzhener; SHCHUPAK, A.D., inzhener; KUCHUMOV, P.S., inzhener, redaktor; PETROV, S.A.; PESTRYAKOV, A.I., redaktor; BALLOD, A.I., tekhnicheskiiy redaktor.

[Handbook of equipment for repairing tractors and agricultural machinery] Spravochnik po oborudovaniyu dlia remonta traktorov i sel'skokhoziaistvennykh mashin. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 646 p. (MLRA 7:11)

(Tractors--Repairing) (Agricultural machinery--Maintenance and repair)

25(1)

PHASE I BOOK EXPLOITATION SOV/1795

Katts, Nikolay Vasil'yevich

Vosstanovleniye iznoshennykh detaley elektrometallizatsiyey;
opyt Moskovskoy konditerskoy fabрики "Bol'shevik" (Re-
conditioning of Worn Parts by Metallizing; Experience of the
Moscow Confectionery Factory "Bol'shevik") Moscow,
Pishchepromizdat, 1957. 57 p. Errata slip inserted. 3,000
copies printed. (Series: Obmen peredovym tekhnicheskim
opytom).

Sponsoring Agency: USSR. Ministerstvo promyshlennosti
prodovol'stvennykh tovarov. Otdel tekhnicheskoy informatsii.

Special Ed.: A. Ya. Chernovannik; Ed.: G.V. Shcherbakova;
Tech. Ed.: Ye. A. Chebysheva.

PURPOSE: This booklet is intended for engineers and skilled
workers in repair shops.

Card 1/3

Reconditioning of Worn Parts (Cont.)

SOV/1795

COVERAGE: The booklet is based on scientific research work done during a study of the process of metallizing carried out by the Department of Technology of Metals at the Moskovskiy tekstil'niy institut (Moscow Textile Institute [MTI]) in collaboration with workers of the Moscow confectionary factory "Bol'shevik." This method has been used in the factory since 1954. The author N.V. Katts, head of the Department and inventor, Docent I.A. Dergachev, Candidate of Technical Sciences, and M.K. Pavlov, his assistant, represented the Institute in introducing the method. The factory's representatives were V.S. Lipets, Chief Engineer, M.E. Zhurin, Chief Mechanic, and M.Z. Kakarekin, head of the machine shop. There are 7 Soviet references.

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KATTS, N.A.

Vladislav, V.S.

85(1) 4.7.5 1957/1959

Spetsialnaya metallizatsiya v yuzhnykh tsekhakh, t. 2, kn. 1 (Metallurgical Engineering in Five Volumes, Vol. 2, No. 1) Moscow, Metallurgy, 1958. 360 p. 50,000 copies printed.

M. (Title page): V.S. Vladislav, Professor (Moscow); M. (Inside back): V.I. Krylov, Engineer; Tikh. M.; T.F. Shchegolev; Editorial Board: M.A. Anisimov, Chairman; A.G. Chir M., Doctor of Technical Sciences, Professor; V.S. Vladislav, Professor of Technical Sciences, Technical Sciences; S.M. Pechenkin, A.Ya. Kostoryzh, O.B. Stalkin, and S.A. Chernomirskiy Managing M. for Reference Literature: V.I. Krylov, Engineer.

FOREWORD: The book is a reference book for technicians and engineers working in the field of machinery design and in production.

CONTENTS: The book covers the following: engineering specifications, treatment and use of cast iron, steel and castings, heat treatment of steel and cast iron, specifications, treatment and use of nonferrous metals and nonmetallic materials. It. Inexpensively, V.P. Volodina, E.V. Gervilov are mentioned as being concerned in this field.

Order 105

Method of Metal Coating Surfaces by Spraying (M.A. Katta, Candidate of Technical Sciences)
Basic equipment
The metal coating process
The properties of the coating

105/105

KATTS, N.V.

Smoothness of the metal coat deposited on fabrics by means of
electric metal spraying. Izv.vys.ucheb.zav.; tekhn.tekst.prom.
no.4:84-90 '61. (MIRA 14:9)

1. Moskovskiy tekstil'nyy institut.
(Textile finishing) (Metals--Spraying)

PHASE I BOOK EXPLOITATION

SOV/6189

Katts, Nikolay Vasil'yevich

Metallizatsiya tkaney (Metallization of Textiles) Moscow, Rostekh-izdat, 1962. 169 p. 2100 copies printed.

Reviewers: P. N. Arnautov and M. R. Gekht; Eds.: N. M. Kalinina and I. I. Aksenova; Tech. Ed.: T. A. Shapenkova.

PURPOSE: This book is intended for engineering and technical personnel in the textile industry. It may also be useful to workers at scientific research institutes and students at schools of higher technical education who are interested in the textile industry.

COVERAGE: The principal methods of metallizing thread and fabrics, e.g., dyeing with metallic dyes, the vacuum method, and the pneumatic spray method, are described in detail. Besides describing the equipment and apparatus and the technological processes of metallization, the book outlines the theory of electrometallization and gives some data on the properties of metallic sprays. Special attention is given to useful properties of metallized

Card 1/0 z

Metallization of Textiles

SOV/6189

thread and fabrics such as their efficiency as shielding against α -radiation and weak β -radiation, their effect on high-frequency current fields, and their electrical conductivity. No personalities are mentioned. There are 60 references: 41 Soviet, 11 German, 7 English, and 1 Polish.

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KHODYKH, Mikhail Il'ich; KATTS, N.V., retsenzent; MIZERI, A.A.,
retsenzent; SHTEYNGART, M.D., red.; SHAPENKOVA, T.A.,
tekhn. red.

[Maintenance and repair of textile machinery] Remont
tekstil'nykh mashin. Izd.2., perer. i dop. Moskva,
Rostekhzdat, 1963. 626 p. (MIRA 17:2)

AL'TER-PESOTSKIY, F.L.; KATTS, N.V.; ARKHANGEL'SKIY, V.A.; DEYNEKA, V.S.;
ZHAVORONKOV, V.I.

Ways to increase the efficiency of the use of carbon disulfide
retorts. Khim. volok. no.6:47-49 '65. (MIRA 18:12)

1. Moskovskiy tekstil'nyy institut (for Al'ter-Pesotskiy,
Katts). 2. Ryazanskiy kombinat iskusstvennogo volokna (for
Arkhangel'skiy, Deyneka, Zhavoronkov). Submitted January 6,
1965.

KATTS, R.A., inzh.; SMIRNOV, M.I., dotsent

Testing of the vacuum break valves in the Knyazhaya Guba
Hydroelectric Power Station. [Trudy] LMZ no.10:327-332 '64.
(MIRA 18:12)

KATTSEN, Il'ia^Ye.

Chetvertaya ochered' metropolitena. [The fourth stage of subway construction].
(Gorodskoe khoz-vo Moskvyy, 1945, no. 1).

DLC: HD4677.M6G6

Metro Moskvyy. [Moscow subway]. Ofomlenie khudozhnika P. Zubchenkova. Moskva,
Moskovskii rabochii, 1947. 177 p. illus. On p. 2:800 let Moskvyy.

DLC: TF847.M65K36

Moskovskii metropoliten. [Moscow subway]. I.E. Kattsen i K.S. Ryzhkov. Moskva,
Izd-vo Akademii arkhitektury SSSR, 1948. 17 p. 41 plates, plan.

DLC: TF847.M65K37

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
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